

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S69	0	((clean\$4 near4 oxidiz\$4) near4 (switch\$4 transistor )) and "318"/\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:06
S68	33	((clean\$4 near4 oxidiz\$4) near4 (switch\$4 transistor ))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:06
S67	41	((clean\$4 near4 oxidiz\$4) near4 (switch\$4 transistor connection))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:06
S66	32	((clean\$4 near4 oxidiz\$4) near4 (switch\$4 connection))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:06
S71	0	((remov\$4\$4 near4 oxidiz \$4) near4 (switch\$4 transistor )) and "318"/\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:07
S70	1	((clean\$4 near4 oxidiz\$4) near4 (switch\$4 transistor connection)) and "318"/\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:07
S73	177	((remov\$4 clean\$4) near4 (rust\$4 oxidiz\$4)) near9 (switch\$4 transistor ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:08
S72	905	((remov\$4 clean\$4) near4 (rust\$4 oxidiz\$4)) same (switch\$4 transistor )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:08
S75	2	"318"/\$7 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:09
S74	0	"318"/\$7 and (((remov\$4 clean\$4) near4 (rust\$4 oxidiz\$4)) near9 (switch\$4 transistor ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:09
S77	286	((remov\$4 clean\$4 repair \$4) near9 (rust\$4 oxidiz \$4)) near9 (switch\$4 transistor ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:24
S76	178	((remov\$4 clean\$4 repair \$4) near4 (rust\$4 oxidiz \$4)) near9 (switch\$4 transistor ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:24
S82	4	((remov\$4 clean\$4 repair \$4) near4 (rust\$4 oxidiz\$4 oxidation)) near9 (switch \$4 transistor ) ) and fan	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:25

S81	0	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation)) near9 (switch\$4 transistor ) ) and "318"/\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:25
S80	30	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation)) near9 (switch\$4 transistor ) ) and motor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:25
S79	407	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation)) near9 (switch\$4 transistor ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:25
S78	651	((remov\$4 clean\$4 repair\$4) near9 (rust\$4 oxidiz\$4 oxidation)) near9 (switch\$4 transistor ) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:25
S84	33	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation)) and "318"/\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:52
S83	2456	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation)) and fan	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:52
S85	14	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation)) and "318"/\$7 and (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:54
S86	0	("2003/0193308").URPN.	USPAT	OR	ON	2009/01/03 21:56
S87	2	"20030193308"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 21:57
S88	14	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation)) and "318"/\$7 and (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load)) and (remov\$4 clean\$4 repair\$4) and (rust\$4 oxidiz\$4 oxidation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:03
S89	28	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation corrosion)) and "318"/\$7 and (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load)) and (remov\$4 clean\$4 repair\$4) and (rust\$4 oxidiz\$4 oxidation corrosion)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:05

S90	15028	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation corrosion)) and (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load)) and (remov\$4 clean\$4 repair\$4) and (rust\$4 oxidiz\$4 oxidation corrosion))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:20
S92	460	S91 and motor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:21
S91	994	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation corrosion)) and (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load)) and (remov\$4 clean\$4 repair\$4) and (rust\$4 oxidiz\$4 oxidation corrosion) and fan	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:21
S93	167	S91 and motor and (pulse modulat\$4 pwm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:22
S96	31	S94 and motor and fan	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:23
S95	64	S94 and motor and (pulse modulat\$4 pwm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:23
S94	1118	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation corrosion)) and (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load)) and (remov\$4 clean\$4 repair\$4) and (rust\$4 oxidiz\$4 oxidation corrosion) and (((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation corrosion)) same (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load))) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:23
S97	29	S96 not S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:24

S99	198	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation corrosion)) and (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load)) and (remov\$4 clean\$4 repair\$4) and (rust\$4 oxidiz\$4 oxidation corrosion) and (((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation corrosion)) near4 (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load))) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:26
S98	290	((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation corrosion)) and (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load)) and (remov\$4 clean\$4 repair\$4) and (rust\$4 oxidiz\$4 oxidation corrosion) and (((remov\$4 clean\$4 repair\$4) near4 (rust\$4 oxidiz\$4 oxidation corrosion)) near9 (malfunction\$4 fault\$4 fail\$4 error (open\$2 adj2 load))) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/03 22:26
L1	37	(US-20010030524-\$ or US-20030193308-\$).did. or (US-7076159-\$ or US-7069172-\$ or US-6512346-\$ or US-7092623-\$ or US-6040668-\$ or US-6551065-\$ or US-6646896-\$ or US-4409933-\$ or US-6037732-\$ or US-6054823-\$ or US-6400045-\$ or US-6528965-\$ or US-6933687-\$ or US-6188187-\$ or US-6650074-\$ or US-6906503-\$ or US-5479557-\$ or US-5137428-\$ or US-4454459-\$ or US-4097789-\$ or US-6747432-\$ or US-5093891-\$ or US-4832576-\$ or US-5166585-\$ or US-6396231-\$ or US-6381406-\$).did. or (US-5825972-\$ or US-5463299-\$ or US-5294872-\$ or US-5075608-\$ or US-6227062-\$ or US-4057438-\$ or US-6818086-\$ or US-5104494-	US-PGPUB; USPAT	OR	ON	2009/01/04 16:00

		\$ or US-4924569-\$).did.				
L3	0	1 and ((fet mosfet) near4 (sens\$4 detect\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:01
L2	11	1 and (fet mosfet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:01
L4	62	"318"/\$7 and fan and (((fet mosfet) near4 (sens\$4 detect\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:02
L6	25	"318"/\$7 and fan and (((fet mosfet) near4 (sens\$4 detect\$4)) near4 current) and (pwm modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:03
L5	30	"318"/\$7 and fan and (((fet mosfet) near4 (sens\$4 detect\$4)) near4 current)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:03
L7	19	"318"/\$7 and fan and (((fet mosfet) near2 (sens\$4 detect\$4)) near4 current) and (pwm modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:08
L8	29	"318"/\$7 and fan and (((fet mosfet) near2 (sens\$4 detect\$4)) sensfet) and (pwm modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:11
L9	2	("4367722"   "7038415"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/04 16:14
L11	2	10 not 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:16
L10	31	"318"/\$7 and fan and (((fet mosfet) near2 (sens\$4 detect\$4 measur\$4)) sensfet) and (pwm modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:16
L13	57	"318"/\$7 and (blower fan compressor) and (((fet mosfet) near4 (sens\$4 detect\$4)) sensfet) and (pwm modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:17
L12	29	"318"/\$7 and (blower fan compressor) and (((fet mosfet) near2 (sens\$4 detect\$4)) sensfet) and (pwm modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:17

L14	68	"318"/\$7 and (blower fan compressor) and (((fet mostfet) near4 (sens\$4 detect\$4 measur\$4 monitor\$4)) sensfet) and (pwm modulat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 16:18
L15	7	("20030107905"   "3579065"   "4721870"   "5642033"   "5811948"   "5815037"   "7119551"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/04 16:19
L16	7	("4270164"   "4628235"   "5192901"   "5303156"   "6170241"   "6545513"   "7079368").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/04 16:22
L17	49	(US-20010030524-\$ or US-20030193308-\$).did. or (US-7076159-\$ or US-7069172-\$ or US-6512346-\$ or US-7092623-\$ or US-6040668-\$ or US-6551065-\$ or US-6646896-\$ or US-4409933-\$ or US-6037732-\$ or US-6054823-\$ or US-6400045-\$ or US-6528965-\$ or US-6933687-\$ or US-6188187-\$ or US-6650074-\$ or US-6906503-\$ or US-5479557-\$ or US-5137428-\$ or US-4454459-\$ or US-4097789-\$ or US-6747432-\$ or US-5093891-\$ or US-4832576-\$ or US-5166585-\$ or US-6396231-\$ or US-6381406-\$).did. or (US-5825972-\$ or US-5463299-\$ or US-5294872-\$ or US-5075608-\$ or US-6227062-\$ or US-4057438-\$ or US-6818086-\$ or US-5104494-\$ or US-4924569-\$ or US-6075329-\$ or US-5218283-\$ or US-4367722-\$ or US-5811948-\$ or US-7079368-\$ or US-6545513-\$ or US-4628235-\$ or US-6891342-\$ or US-6577482-\$ or US-5790430-\$ or US-5656896-\$ or US-4799126-\$).did.	US-PGPUB; USPAT	OR	ON	2009/01/04 17:46
L18	16	17 and pwm and (fet mostfet) and (sens\$4 detect\$4 monitor\$4 measur\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/04 17:47

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